

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Naoto NAKAMURA et al.

Attn: PCT Branch

Application No.: 10/528,069

Docket No.: 122733

Filed: March 15, 2005

For: THERMAL TREATMENT APPARATUS, METHOD FOR MANUFACTURING
SEMICONDUCTOR DEVICE, AND METHOD FOR MANUFACTURING
SUBSTRATE

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) WITH DECLARATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on August 26, 2005, submitted herewith is the executed Declaration of the inventors and a Power of Attorney. Any necessary Designation of Ten Attorneys for Power of Attorney or Transmittal of Power of Attorney and Statement Under 37 C.F.R. §3.73(b) is also attached. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

Also submitted herewith is a Petition under 37 CFR §1.47(a) for non-signing inventor and the corresponding Declaration under 37 CFR §1.47(a).

Attached is our Check No. 171611 for \$130.00 for the fee under 37 C.F.R. §1.492(e).

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements. Accordingly, prompt issuance of a Notification of Acceptance and Official Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

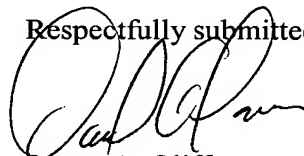
The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

10/13/2005 GFREY1 00000133 10528069

01 FC:1617

130.00 0P

Respectfully submitted,



James A. Oliff

Registration No. 54,734
03/07/2006 CSM00T 00000003 150461 10528069
01 FC:1463 70.00 DA 130.00 0P

Daniel A. Tanner, III
Registration No. 54,734

JAO:DAT/scg
Date: October 7, 2005

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Naoto NAKAMURA et al.

Application No.: 10/528,069

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For: THERMAL TREATMENT APPARATUS, METHOD FOR MANUFACTURING
SEMICONDUCTOR DEVICE, AND METHOD FOR MANUFACTURING SUBSTRATE

**TRANSMITTAL OF POWER OF ATTORNEY AND
STATEMENT UNDER 37 CFR § 3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Power of Attorney from the Assignee(s).

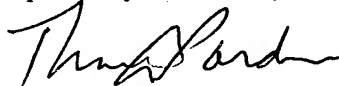
In compliance with 37 CFR §3.73(b), the undersigned hereby states that HITACHI KOKUSAI ELECTRIC INC. is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. A copy of the assignment is attached hereto and is concurrently being submitted for recordation.

The undersigned is authorized to act on behalf of the assignee.

In accordance with 37 CFR §1.36(a), submission of this Power of Attorney revokes any powers of attorney previously given.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD
BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE
(703) 836-6400.**

Respectfully submitted,



Thomas J. Pardini
Registration No. 30,411

TJP/scg

Date: October 7, 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/528,069	Naoto Nakamura	122733

INTERNATIONAL APPLICATION NO.

PCT/JP03/12353

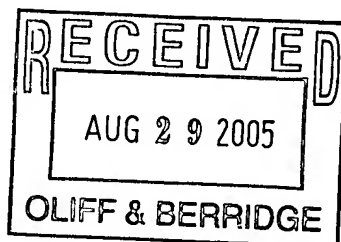
I.A. FILING DATE	PRIORITY DATE
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09/26/2003

09/27/2002

25944

OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320



CONFIRMATION NO. 6541
371 FORMALITIES LETTER
OC000000016848890
OC000000016848890
MISSING PARTS

Date Mailed: 08/26/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/15/2005
- English Translation of the IA filed on 03/15/2005
- Copy of the International Search Report filed on 03/15/2005
- Copy of IPE Report filed on 03/15/2005
- Information Disclosure Statements filed on 03/15/2005
- Request for Immediate Examination filed on 03/15/2005
- Copy of references cited in ISR filed on 03/15/2005
- U.S. Basic National Fees filed on 03/15/2005
- Priority Documents filed on 03/15/2005

DUE DATE

OCT 26 2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

DOCKETED
By dlm on 8/29 2005
and
By mpk on 8/29 2005
Oliff & Berridge

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/528,069	PCT/JP03/12353	122733

FORM PCT/DO/EO/905 (371 Formalities Notice)